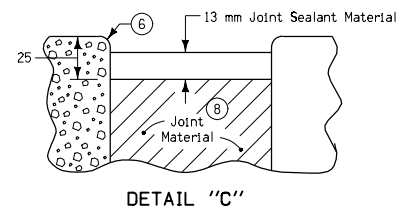
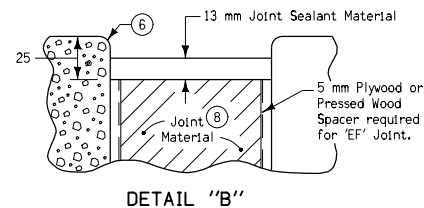
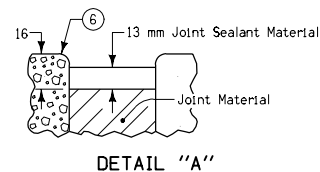
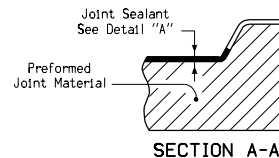
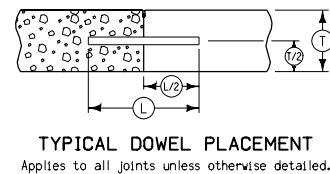


BAR SIZE TABLE			
①	< 200 mm	≥ 200 mm but < 250 mm	≥ 250 mm
DOWEL SIZE	20	30	35



GENERAL NOTES:

All preformed joint material shall be installed perpendicular to the pavement surface and care shall be exercised throughout the construction of the pavement to ensure that such joint material remains in proper position upon completion of paving operation.

- ① The free moving ends of dowel support assembly shall be placed alternately across joints.
- ② Refer to Bar Size Table.
- ③ The free end of dowel bar shall be coated prior to placement of second slab to prevent bond with that portion of pavement.
- ④ Holes for Joint Material shall be predrilled or preformed for appropriate dowel size.
- ⑤ Bars in Transverse Joints shall be placed according to Standard Road Plan RH-58.
- ⑥ Edge with 5 millimeter tool for length of joint indicated in formed; edging not required when cut with diamond blade saw.
- ⑦ Weld side opposite Expansion Tube.
- ⑧ Joint material shall consist of clean, fresh, dry fire buffings. Tire buffings can be obtained from tire retread preparation operations. Joint material is to be placed loose and struck off level in the joint. Any compacted material shall be removed and replaced with loose material. Sealer used with this joint material shall be a hot-poured joint sealer meeting the requirements of Article 4136.02A of the Standard Specifications.

All dimensions given in millimeters unless noted.

METRIC VERSION	Iowa Department of Transportation Highway Division	STANDARD ROAD PLAN RH-52	
		REVISION: Modify "CF" and "EF" Joints. Refer to RH-58 in Note 5.	REVISION NO. 7
		William J. Steen APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
		JOINTS (EXPANSION)	